

Converting Colors

HunterLab(16.2815, -8.1285,
2.6175)

Have a look what the booklet for
HunterLab(16.2815, -8.1285, 2.6175)
contains.

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Color

**HunterLab(16.3716, -8.1952,
2.6745)**

Conversions

Conversions Part 1

Format	Color
Hex	153328
RGB	21, 51, 40
RGB Percent	8%, 20%, 16%
CMY	0.9176, 0.8000, 0.8431
CMYK	0.59, 0.00, 0.22, 0.80
HSL	158°, 42%, 14%
HSV	158°, 59%, 20%
XYZ	1.8761, 2.6803, 2.4260
YIQ	40.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

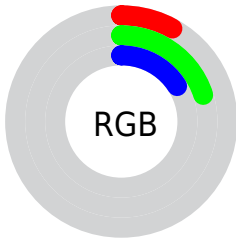
Format	Color
R_{YB}	21, 39, 51
Decimal	1389352
CIE _{Lab}	18.72, -14.51, 3.58
CIE _{LCh}	19, 14.942, 166.152
Yxy	2.6804, 0.2687, 0.3839
Android (android.graphics.Color)	4279579432 (0xFF153328)
YUV	40.7760, -0.3826, -17.3436
Hunter-Lab	16.3716, -8.1952, 2.6745

Details

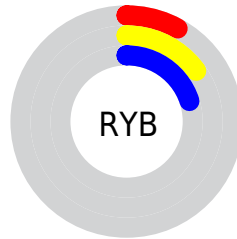
The HunterLab color **16.3716, -8.1952, 2.6745** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.5952, 8.8684, 0.3123**, and the grayscale version is **14.8231, -0.7909, 0.8054**.

A 20% lighter version of the original color is **32.4800, -11.4777, 4.1247**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.1797, -9.0318, 3.0516**, and if you desaturate by 10%, it is **16.5980, -7.2361, 2.3196**.

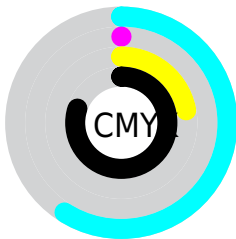
Distribution



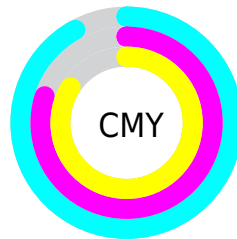
- Red (8%)
- Green (20%)
- Blue (16%)



- Red (8%)
- Yellow (15%)
- Blue (20%)



- Cyan (59%)
- Magenta (0%)
- Yellow (22%)
- Black (80%)



- Cyan (92%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3716, -8.1952, 2.6745 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 16.3716, -8.1952, 2.6745 by changing the saturation by 10% instead.

■ 16.3716, -8.1952,
2.6745

■ 16.3716, -8.1952,
2.6745

■ 111.4793,
-20.8573, 9.5994

■ 9.8349, -6.9941,
2.0582

■ 32.3951, -11.2616,
4.0527

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.6703, -12.6924,
4.7728

0.0000, NaN, NaN

■ 51.6928, -14.0872,
5.5166

0.0000, NaN, NaN

■ 62.4106, -15.4590,
6.2847

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7811, -16.8166,
7.0773

0.0000, NaN, NaN

■ 85.7689, -18.1661,

0.0000, NaN, NaN

7.8941

■ 98.3437, -19.5119,
8.7350

■ 16.3716, -8.1952,
2.6745

■ 16.3716, -8.1952,
2.6745

■ 16.1797, -9.0318,
3.0516

■ 16.5980, -7.2361,
2.3196

■ 16.0204, -9.7438,
3.4466

■ 16.8585, -6.1579,
1.9896

■ 15.8818, -10.3763,
3.8441

■ 17.1536, -4.9666,
1.6874

■ 15.7441, -11.0080,
4.2220

■ 17.4832, -3.6695,
1.4151

■ 15.7279, -11.0824,
4.2652

■ 17.8467, -2.2750,
1.1742

■ 18.2435, -0.7920,
0.9657

■ 18.6729, 0.7703,
0.7900

■ 19.1336, 2.4029,
0.6469

■ 19.6248, 4.0969,
0.5361

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.3719, -6.4535, 5.4808



16.3716, -8.1952, 2.6745



16.3719, -8.1247, -1.4673

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.3719, -8.1954, 2.6747



16.3719, 1.5052, -8.6804



16.3719, 5.2976, 5.6335

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.3716, -8.1952, 2.6745



11.5952, 8.8684, 0.3123

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.3719, 7.9089, 2.9438



16.3716, -8.1952, 2.6745



16.3719, 5.5688, -5.5950

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.3719, -8.1954, 2.6747



16.3719, -2.8187, -8.8073



16.3719, 8.0130, -1.1187



16.3719, 1.1650, 6.8642

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.3716, -8.1952, 2.6745



16.3719, -7.0659, -4.4997



16.3719, 8.0130, -1.1187



16.3719, 6.4004, 4.9068

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.3719, -8.1954, 2.6747



22.5233, -4.7493, 1.8274



16.5441, -8.1223, 7.5095



11.8743, -2.5777, 0.9784



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.3719, -8.1954, 2.6747



20.7229, -12.1986, 4.2299



15.7219, -5.4477, -2.2193



9.8322, -1.2043, 0.6387



27.3443, -19.6528, 8.2467



71.6316, -52.3837, 23.5482

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.5952, 8.8684, 0.3123



13.3137, 14.6397, 0.8521



11.9670, 6.4692, 3.9721



9.4306, 0.1987, 0.4210



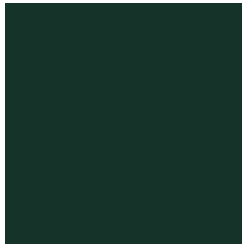
14.9817, 26.3794, 4.0784



39.0960, 68.4148, 13.9314

Previews

White Background



This preview shows how the HunterLab color 16.3716, -8.1952, 2.6745 looks on a white background.

Color Contrast Check

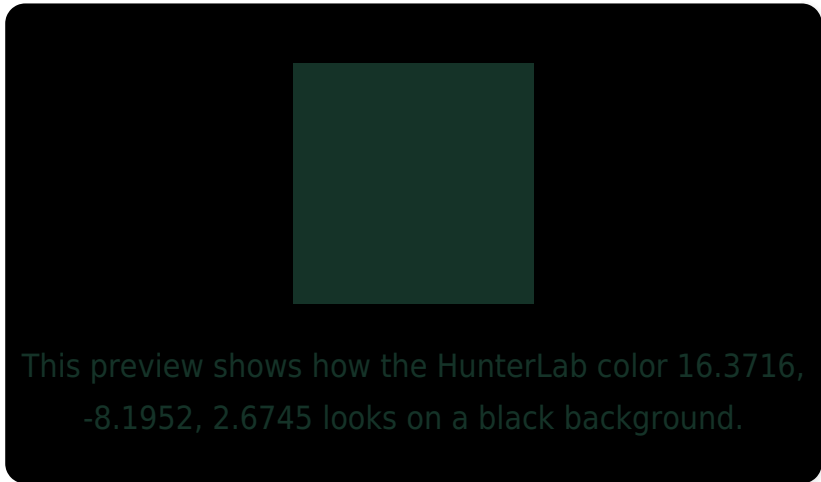
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.3716, -8.1952, 2.6745 Background



This preview shows how black text looks on a background with the HunterLab color 16.3716, -8.1952, 2.6745.



This preview shows how white text looks on a background with the HunterLab color 16.3716, -8.1952,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.3716, -8.1952, 2.6745

Protanopia

16.2441, -1.0521, 3.6028

Deuteranopia

16.3473, 0.6977, 2.1407



Tritanopia

16.3105, -5.1037, -2.2824

Trichromacy



Original Color

16.3716, -8.1952, 2.6745

Protanomaly

16.0781, -4.0929, 3.0735

Deuteranomaly

16.2611, -3.2994, 2.3134

Tritanomaly

16.3975, -6.3712, -0.1183

Monochromacy



Original Color

16.3716, -8.1952, 2.6745

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.4174, -3.8442, 1.3653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3716, -8.1952, 2.6745 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(21, 51, 40)` looks like.

```
.text, #text, p{  
    color:rgb(21, 51, 40)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(21, 51, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 51, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3716, -8.1952, 2.6745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(21, 51, 40) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(21, 51, 40) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(21, 51, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 51, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 51, 40);  
box-shadow:4px 4px 4px 4px rgb(21, 51, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3716, -8.1952, 2.6745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 51, 40) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(21, 51,  
40) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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